

**In the Claims:**

Please amend claims 1, 8-12, 17-21, 23-27 and 29-36 as indicated below.

1. (Currently amended) A system, comprising:

a distributed store comprising a primary state of session data accessible by a plurality of application servers, wherein the primary state of the session data comprises a plurality of attributes; and

a first one of the application servers comprising a client state of the session data accessible by one or more processes executing within the first application server;

wherein the first application server is configured to provide a set of attributes of the client state of the session data for synchronizing the primary state with the client state, wherein the first application server is configured to exclude from the set immutable attributes of the client state of the session data;

wherein the distributed store is configured to synchronize the primary state with the client state according to the provided set of attributes.

2. (Original) The system as recited in claim 1, wherein the first application server is further configured to exclude attributes accessed only with an immutable access from the set of attributes for synchronizing the primary state with the client state.

3. (Original) The system as recited in claim 1, wherein the first application server is further configured to exclude attributes that were not accessed from the set of attributes for synchronizing the primary state with the client state.

4. (Original) The system as recited in claim 1, wherein the immutable attributes include one or more attributes which have been designated as immutable attributes in response to user input.

5. (Original) The system as recited in claim 4, wherein the immutable attributes include one or more immutable standard programming language classes.

6. (Original) The system as recited in claim 4, wherein the programming language is Java.

7. (Original) The system as recited in claim 1, wherein the first application server is further configured to compare the set of attributes to a benchmark of the client state to determine a subset of the set of attributes that are modified; and wherein, to synchronize the primary state, the distributed store is further configured to use only the modified attributes.

8. (Currently amended) The system as recited in claim 7, wherein, to compare the set of attributes to a benchmark, the first application server is configured to perform a binary comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

9. (Currently amended) The system as recited in claim 7, wherein, to compare the set of attributes to a benchmark, the first application server is configured to perform an object graph comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

10. (Currently amended) A system, comprising:

a distributed store comprising a primary state of session data accessible by a plurality of application servers, wherein the primary state of the session data comprises a plurality of attributes;

an first one of the application servers comprising a client state of the session data accessible by one or more processes executing within the first application server;

wherein the first application server is configured to provide a set of attributes of the client state of the session data for synchronizing the primary state with the client state, wherein the first application server is configured to exclude attributes accessed only with an immutable access from the set of attributes of the client state of the session data for synchronizing the primary state with the client state; and

wherein the distributed store is configured to synchronize the primary state with the client state using the provided set of accessed attributes.

11. (Currently amended) The system as recited in claim 10, wherein the first application server is configured to exclude attributes that were not accessed from the set of attributes of the client state of the session data for synchronizing the primary state with the client state.

12. (Currently amended) The system as recited in claim 10, wherein the set further excludes immutable attributes of the client state of the session data.

13. (Original) The system as recited in claim 12, wherein the immutable attributes include one or more attributes which have been designated as immutable attributes in response to user input.

14. (Original) The system as recited in claim 12, wherein the immutable attributes include one or more immutable standard programming language classes.

15. (Original) The system as recited in claim 12, wherein the programming

language is Java.

16. (Original) The system as recited in claim 10, wherein the first application server is further configured to compare the set of attributes to a benchmark of the client state to determine a subset of the set of attributes that are modified; and wherein, to synchronize the primary state, the distributed store is further configured to use only the modified attributes.

17. (Currently amended) The system as recited in claim 16, wherein, to compare the set of attributes to the benchmark, the first application server is configured to perform a binary comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

18. (Currently amended) The system as recited in claim 16, wherein, to compare the set of attributes to the benchmark, the application server is configured to perform an object graph comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

19. (Currently amended) A system, comprising:

a distributed store means comprising a primary state of session data accessible by a plurality of application servers, wherein the primary state of the session data comprises a plurality of attributes;

a first one of the application servers comprising a client state of the session data accessible by one or more processes executing within the first application server;

coupled to or within the first application server, means for providing a set of attributes of the client state of the session data for synchronizing the primary state with the client state, wherein the means for providing are

configured to exclude immutable attributes of the client state of the session data from the set of attributes of the client state of the session data for synchronizing the primary state with the client state; and

means for synchronizing the primary state with the client state using the provided set of attributes.

20. (Currently amended) The system as recited in claim 19, wherein the means for providing are further configured to exclude attributes accessed only with an immutable access from the set of attributes of the client state of the session data for synchronizing the primary state with the client state.

21. (Currently amended) The system as recited in claim 19, wherein the means for providing are further configured to exclude attributes that were not accessed from the set of attributes of the client state of the session data for synchronizing the primary state with the client state.

22. (Original) The system as recited in claim 19, further comprising:

means for comparing the set of attributes to a benchmark of the client state to determine a subset of the set of attributes that are modified; and

wherein said means for synchronizing the primary state comprises means for using only the modified attributes.

23. (Currently amended) The system as recited in claim 22, wherein said means for comparing comprises means for performing a binary comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

24. (Currently amended) The system as recited in claim 22, wherein said means

for comparing comprises means for performing an object graph comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

25. (Currently amended) A method, comprising:

providing access to a primary state of session data stored by a distributed store to a plurality of application servers, wherein the primary state of the session data comprises a plurality of attributes;

a first one of the application servers providing access to a client state of the session data comprised to one or more processes executing within the first application server;

providing a set of attributes of the client state of the session data for synchronizing the primary state with the client state, wherein said providing comprises excluding immutable attributes of the client state of the session data from the set of attributes of the client state of the session data for synchronizing the primary state with the client state; and

synchronizing the primary state with the client state using the provided set of attributes.

26. (Currently amended) The method as recited in claim 25, wherein said providing further comprises excluding attributes accessed only with an immutable access from the set of attributes of the client state of the session data for synchronizing the primary state with the client state.

27. (Currently amended) The method as recited in claim 25, wherein said providing further comprises excluding attributes that were not accessed from the set of attributes of the client state of the session data for synchronizing the primary state with

the client state.

28. (Original) The method as recited in claim 25, further comprising:

comparing the set of attributes to a benchmark of the client state to determine a subset of the set of attributes that are modified; and

wherein said synchronizing the primary state comprises synchronizing according to only the modified attributes.

29. (Currently amended) The method as recited in claim 28, wherein said comparing comprises performing a binary comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

30. (Currently amended) The method as recited in claim 28, wherein said comparing comprises performing an object graph comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

31. (Currently amended) ~~An article of manufacture~~ computer accessible storage medium comprising software instructions computer-executable to implement:

providing access to a primary state of session data stored by a distributed store to a plurality of application servers, wherein the primary state of the session data comprises a plurality of attributes;

a first one of the application servers providing access to a client state of the session data comprised to one or more processes executing within the first application server;

providing a set of attributes of the client state of the session data for synchronizing the primary state with the client state, wherein said providing comprises excluding immutable attributes of the client state of the session data from the set of attributes of the client state of the session data for synchronizing the primary state with the client state; and

synchronizing the primary state with the client state using the provided set of attributes.

32. (Currently amended) The ~~article of manufacture~~ computer accessible storage medium as recited in claim 31, wherein said comparing comprises performing a binary comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

33. (Currently amended) The ~~article of manufacture~~ computer accessible storage medium as recited in claim 31, wherein said providing further comprises excluding attributes that were not accessed from the set of attributes of the client state of the session data for synchronizing the primary state with the client state.

34. (Currently amended) The ~~article of manufacture~~ computer accessible storage medium as recited in claim 31, wherein the software instructions are further computer-executable to implement:

comparing the set of attributes to a benchmark of the client state to determine a subset of the set of attributes that are modified; and

wherein said synchronizing the primary state comprises synchronizing according only to the modified attributes.

35. (Currently amended) The ~~article of manufacture~~ computer accessible storage medium as recited in claim 34, wherein said comparing comprises performing a binary



comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.

36. (Currently amended) The ~~article of manufacture~~ computer accessible storage medium as recited in claim 34, wherein said comparing comprises performing an object graph comparison of the set of attributes and the benchmark of the client state of the session data to determine a subset of the set of attributes that are modified.